## We claim:

An electronic component, comprising:

a semiconductor chip including a semiconductor material, said semiconductor chip having an active upper side, a passive rear side, and a sawn edge;

said sawn edge being formed of said semiconductor material and surrounding said semiconductor chip, said sawn edge having profile-sawn contours; and

a plastics composition forming a plastic edge, said plastic edge surrounding said sawn edge and being in a form-locking engagement with said profile-sawn contours.

- 2. The electronic component according to claim 1, wherein said plastic edge has a rectangular cross section which is extended, toward said active upper side of said semiconductor chip, by a triangular area tapering to a point.
- 3. The electronic component according to claim 1, wherein said plastic edge has a rectangular cross section with an additional rectangular area widening said rectangular cross section toward said active upper side of said semiconductor chip.

- 4. The electronic component according to claim 1, wherein said plastic edge has a cross section formed with a notch at said active upper side.
- 5. The electronic component according to claim 1, wherein:

said plastic edge has a U-shaped cross section with a relatively shorter leg and a relatively longer leg; and

said active upper side of said semiconductor chip has an edge region with a groove formed therein, said relatively shorter leg engages in said groove, and said relatively longer leg forms an outer edge of said plastic edge.

- 6. The electronic component according to claim 1, including an adhesion-promoting layer provided between said sawn edge and said plastics composition.
- 7. The electronic component according to claim 6, wherein said adhesion-promoting layer includes at least one element selected from the group consisting of a zinc oxide and a chromium oxide.
- 8. The electronic component according to claim 6, wherein said adhesion-promoting layer has a dendritic structure.

- 9. The electronic component according to claim 1, wherein said active upper side of said semiconductor chip includes an integrated circuit.
- 10. The electronic component according to claim 1, wherein said active upper side of said semiconductor chip includes a contact sensor.
- 11. The electronic component according to claim 1, wherein said active upper side of said semiconductor chip has an edge region having a bonding channel formed therein with contact areas provided in said bonding channel.
- 12. The electronic component according to claim 1, wherein said active upper side of said semiconductor chip has a central bonding channel formed therein with contact areas provided in said central bonding channel.
- 13. The electronic component according to claim 1, including:

a wiring film disposed on said active upper side, said wiring film having conductor tracks and external contacts; and

said semiconductor chip having contact areas connected, via said conductor tracks, to said external contacts.

- 14. The electronic component according to claim 1, wherein said plastic edge has a rectangular cross section which is extended, toward said passive rear side of said semiconductor chip, by a triangular area tapering to a point.
- 15. The electronic component according to claim 1, wherein said plastic edge has a rectangular cross section with an additional rectangular area widening said rectangular cross section toward said passive rear side of said semiconductor chip.
- 16. The electronic component according to claim 1, wherein said plastic edge has a cross section formed with a notch at said passive rear side.
- 17. The electronic component according to claim 1, wherein:

said plastic edge has a U-shaped cross section with a relatively shorter leg and a relatively longer leg; and

said passive rear side of said semiconductor chip has an edge region with a groove formed therein, said relatively shorter leg engages in said groove, and said relatively longer leg forms an outer edge of said plastic edge. 18. A method of producing an electronic component, the method which comprises:

providing a semiconductor wafer with semiconductor chips disposed in rows and columns and with sawing track regions provided therebetween;

disposing the semiconductor wafer on a carrier;

sawing, with a profile saw, the semiconductor wafer along the sawing track regions;

filling profile sawing tracks with a plastics composition; and

separating the semiconductor wafer into semiconductor chips along the plastics composition by using saw blades of a thickness smaller than a sawing track width in the semiconductor wafer filled with the plastics composition for providing a semiconductor chip having an active upper side and a passive rear side such that the semiconductor chip is surrounded by a sawn edge of a semiconductor material, the sawn edge having profile-sawn contours, and such that the sawn edge is surrounded by the plastics composition forming an edge of plastic, and such that the plastics composition is in a form-locking engagement with the profile-sawn contours.

- 19. The method according to claim 18, which comprises introducing the plastics composition into the profile sawing tracks by using a troweling technique.
- 20. The method according to claim 18, which comprises introducing the plastics composition into the profile sawing tracks by using an immersion technique.
- 21. The method according to claim 18, which comprises introducing the plastics composition into the profile sawing tracks by using a pressing technique.
- 22. The method according to claim 18, which comprises introducing the plastics composition into the profile sawing tracks by using a spraying technique.
- 23. The method according to claim 18, which comprises, prior to separating the semiconductor wafer into semiconductor chips having an edge of plastic, covering the semiconductor wafer with a wiring film and carrying out a wiring operation such that contact areas on the active upper side of the semiconductor chip are connected to external contacts via wiring lines.
- 24. The method according to claim 23, which comprises applying solder bumps to the wiring film as external contacts.

